

COMMONWEALTH OF PENNSYLVANIA

SECTION 106 WATER POLLUTION CONTROL GRANT
FFY 2014 PROGRESS REPORT

FOR THE PERIOD
April 1, 2014 through September 30, 2014

PREPARED BY
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT
PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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Work Plan Component/Program: Water Quality Assessment and Reporting		EPA Contact (s): William Richardson	State Contact: Gary Walters	PRC: 202B06
Program Description: Pennsylvania Water Quality Assessment Program.				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Complete the 2014 Integrated Monitoring and Assessment Report (Integrated Report) and submit to EPA Region 3 by April 1, 2014.	The 2014 Integrated Report was public participated for 45-days beginning in late April. The Department completed responses to comments received and anticipates final submittal to Region 3 for review and approval during the next reporting period.	March 31, 2013		
Activities for FY 2014 (Commitments)				
Submit Integrated Report updates and revisions including waterbodies moved from Category 5 to Category 1 and Category 2.	Updates and revisions of Categories 1, 2 and 5 will occur during the next reporting period.			
Submit Integrated Report updates and revisions including causes removed from Category 5 waterbodies.	The Integrated Report will be submitted for review and approval during the next reporting period.			
Identify impaired watersheds (Categories 4 & 5) where implemented BMPs suggest water quality improvement and re-assess.	Nine waterbodies listed in Appendix E of the 2014 Integrated report were delisted due to implementation of BMPs. For the 2015 field season the Department has identified 25 waterbodies for monitoring and reassessment.			
Report number of miles attained, impaired, and with approved TMDLs for aquatic life, potable water supply, fish consumption and recreational uses.	See Table 2 of 2014 Integrated Report below for the summary of miles by protected use.	March 31, 2013		
EPA COMMENTS:				
DEP RESPONSE:				

Table 2
Statewide Assessment Summary
 A statewide summary of use support status for four water uses in assessed streams

	Aquatic Life Use	Fish Consumption Use	Recreational Use	Potable Water Supply Use
Streams (miles)				
Assessed*	83,438	8,203	4,994	3,358
Supporting	67,556	6,211	3,109	3,275
Impaired	9,031	1,280	1,784	71
Approved TMDL**	6,851	712	20	12
Compliance	72	---	---	---
Pollution***	2,967	---	---	---
Restored****	72	190	22	49

* Database management to remove assessments from stream lines in lakes and impoundments reduced total miles assessed.

** TMDL miles reported here are only those overlapping impaired segments. A TMDL allocation may include an entire watershed, including streams listed as attained.

*** 2,049 miles have both pollution and pollutant problems.

**** Stream miles now attaining and removed from Category 5 and placed in Category 1 or 2.

Work Plan Component/Program: Water Quality Standards		EPA Contact (s): Denise Hakowski	State Contact: Bill Brown, Tom Barron	PRC: 202B06
Program Description: Pennsylvania's Water Quality Standards Program				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Continue to develop nutrient criteria for surface waters (streams and lakes) in Pennsylvania.	Draft of nutrient impairment determination protocol complete and will be circulated for internal review by 12/14. We are currently reviewing the N-STEPS report for lakes.			
Continue to follow and update the Nutrient Criteria Development Plan.	Plan was revised in July 2014 and we are on track with milestones.			
Complete a review of Pennsylvania's Water Quality Standards and make changes, as appropriate, at least once every three years. As part of this Triennial Review complete revisions to existing regulations, as appropriate.		October 7, 2013		
Activities for FY 2014 (Commitments)				
Contract services to collect and evaluate scientific data related to nutrient criteria development in streams and lakes.	Contract with Dr. Carrick and Central Michigan executed and data collected for use in nutrient work at approximately 40 sites.	March 25, 2014		
Continue data collection and assimilation for streams and lakes in accordance with agreed upon nutrient criteria development schedule.		Year-round, on-going		
Data summarization and preliminary analysis for lakes. (N-STEPS)	Draft of nutrient impairment determination protocol complete and will be circulated for internal review by 12/14.	January 20, 2014	Still in the process of reviewing the report and determining next steps.	
Complete data compilation and summary for streams.	Finished through 2013 data. 2014 data not yet available. Macros currently being collected, CIM data being processed, algae sent to lab at Central Michigan.			
Complete the milestones outlined in the plan and update the plan to include a revised timeline for lakes that accounts for the shifting timeline due to N-STEPS from both ends. Additional updates will address milestones for Wadeable streams/small rivers already completed, revisions to those that have been delayed, and inclusion of new work	July 2014 update to NCDP and progress on new milestones is on target.			

Maintain surface water quality standards; develop human health and aquatic life criteria for substances as needed; interpret reports and recommendations; prepare rulemaking packages for site-specific changes to water quality standards, such as stream redesignations; correct errors and omissions discovered in implementation of the standards; review and update technical guidance documents to reflect changes in water quality standards; and continue development of the WQS database.			
EPA COMMENTS:			
DEP RESPONSE:			

Work Plan Component/Program: TMDL		EPA Contact (s): Elizabeth Gaige	State Contact: Bill Brown	PRC: 202B06
Program Description: TMDLs				
Outputs for FY 2014 (Commitments)		Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Complete several in-progress TMDLs for watersheds from FY13; to include Little Schuylkill River, Panther and the Opossum Creek and Lycoming Creek watersheds. Work toward resolution of MS4 issues in the Octoraro Creek Watershed and the Irish Creek Watershed TMDLs.		Little Schuylkill, Panther Creek, Opossum Creek and Lycoming Creek all completed.	Various	MS4 issues continue to be addressed in Octoraro, will require new modeling throughout; however, as the commitment states work was done to resolve issues.
Revise the Casselman River AMD and Metals TMDL using load duration curve methodology. Also work to revise the Little Juniata River TMDL and Chickies Creek TMDL using MapShed model.				Issues with load duration methodology. Limitations of small data set collected over all flow regimes present problems here, too. Exploring possibilities of dynamic, mechanistic modeling to revise Casselman TMDL. Little Juniata in progress and waiting for municipalities involved to agree to distribution of bulk wasteload allocations through their own local governments.
Initiate a pilot, cross-program approach to integrated and adaptive watershed planning and BMP implementation to address a watershed impaired with (insert pollutant – ie nutrients/sediments?). A pilot watershed will be chosen based on stakeholder activity and potential for implementing the measures required for water quality standards attainment within a reasonable timeframe. The process will include extensive stakeholder involvement, activities aimed at understanding the sources of the (insert pollutant) and identification of measures and BMPs to reduce (insert pollutant) and implementation of those measures and BMPs to satisfy regulatory requirements and attain water quality standards within a reasonable timeframe. Deliverables may not include a TMDL, but rather incremental water quality goals that are designed to fully restore the waterbody will be set and monitored.		Pilot initiated and going very well in Chiques/Little Chiques/Donnegal Creek watersheds. Target date of January 2015 to expand stakeholder group to include EPA.		
Activities for FY 2014 (Commitments)				
Complete and update a summary list of TMDLs developed that address full and partial impairments.			April 20, 2014	
Engage stakeholders in pilot watershed Identify sources of pollutants Initiate activities to identify measures to reduce pollutants				
EPA COMMENTS:				
DEP RESPONSE:				

Work Plan Component/Program: State Review Framework (SRF) /Enforcement		EPA Contact (s): Chris Menen	State Contact: Sean Furjanic	PRC: 202B06
Program Description: Initiate actions outlined in the Clean Water Act (CWA) Action Plan aimed to focus our NPDES planning and resources on the most significant sources of water quality impairment. The Office of Enforcement and Compliance Assurance and the Office of Water requested Region 3 to work with Pennsylvania DEP to identify water quality priorities at the national, regional and state level. The strengthening EPA and State Performance work plans focus on individual NPDES program areas to ensure a coordinated and integrated planning process across the permitting and enforcement programs. The individual NPDES work plans for FY2013 are as follows: 1) Chesapeake Bay Watershed Point Source; 2) MS4-Storm Water; 3) CAFO; and 4) State Review Framework-Permit Quality Review (See Attachments in Workplan)				
Activities/Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Provide EPA with comments on the draft SRF Round 2 report within 90 days of DEP’s receipt of the draft SRF Round 2 report.	DEP’s comments on the Draft Round 2 SRF Report were provided to EPA on October 7, 2013. DEP met with EPA staff on April 9, 2014 in Harrisburg to discuss DEP’s data management capabilities.	October 7, 2013		
Develop a Management Plan to address the Round 2 SRF recommendations within 90 days of DEP’s receipt of the final SRF Round 2 report.	DEP has not received the Final SRF Round 2 Report.			
Participate in EPA Annual Data Verification Review in 2014.	DEP completed the annual data verification review in ECHO.	February 14, 2014		
Work cooperatively with EPA to revise the NPDES program Memorandum of Agreement upon receipt of a draft revised MOA from EPA, if deemed appropriate.	Draft MOA not yet provided.			
EPA COMMENTS:				
DEP RESPONSE:				

Work Plan Component/Program: Compliance Monitoring		EPA Contact (s): Chris Menen	State Contact: Sean Furjanic/Bob Kachonik	PRC: 202B06
Program Description: Compliance Monitoring – Assess the compliance of wastewater treatment facilities with permit conditions through activities such as: maintaining and implementing the compliance monitoring strategy, and monitoring municipal management of wastewater treatment facilities. Provide regional and central office staff participation in the NPDES Inspector Workshop if given.				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
No more than 22.5% of major dischargers will be in SNC at any time during the fiscal year.	Q1 2014- 9% of majors were in SNC. Q2-2014- 9.3% of majors were in SNC. Q3-2014- 14% of majors were in SNC Q3-2014- As of 10/28/14, 16% of majors are in SNC		Q4-2014 covers the period July-September 2014. RNC/SNC status in ICIS has been determined only up to August 2014.	
At least 86% of major POTWs will be in compliance with their permitted wastewater discharge standards (i.e., POTWs that are not in SNC).	Q1-2014- 90.7% of major POTWs were not in SNC. Q2-2014- 91.4% of major POTWs were not in SNC. Q3-2014- 87.4% of major POTWs were not in SNC. Q3-2014- As of 10/28/14, 85% of major POTWs are not in SNC.		Q4-2014 covers the period July-September 2014. RNC/SNC status in ICIS has been determined only up to August 2014.	
Develop FFY2015 Compliance Monitoring Strategy (CMS) for NPDES programs, including MS4s, CAFO and Stormwater Construction Programs.	A combined FFY 2015 CMS for NPDES programs was submitted to EPA on October 1, 2014.	October 1, 2014		
Develop a comprehensive FF2014 CMS end of year report.	A FFY 2014 CMS end of the year report was not prepared and sent to EPA. EPA needs to supply a template for this report.			
Activities for FY 2014 (Commitments)				
Using the QNCR, report the number and percent (%) of major discharges in SNC each quarter.	Q1 2014- 37 out of 407 majors (9%) were in SNC. Q2 2014- 38 out of 408 majors (9.3%) were in SNC. Q3-2014- 57 out of 406 of majors (14%) were in SNC Q3-2014- As of 10/28/14, 65 out of 404 majors (16%) are in SNC		Q4-2014 covers the period July-September 2014. RNC/SNC status in ICIS has been determined only up to August 2014.	
Report the number and percent (%) of major POTWs that are not in SNC each quarter (the most recent EPA Watch List will be consulted to perform this calculation).	Q1 2014- 274 out of 302 major POTWs (90.7%) were not in SNC. Q2-2014- 276 out of 302 of major POTWs (91.4%) were not in SNC. Q3-2014- 263 out of 301 major POTWs (87.4%) were not in SNC. Q3-2014- As of 10/28/14, 255 out of 300 major POTWs (85%) are not in SNC.		Q4-2014 covers the period July-September 2014. RNC/SNC status in ICIS has been determined only up to August 2014. Also, the Watch List has not been run for a number of quarters. Even if it were, it is not the appropriate source of information to determine this metric.	

Provide EPA with copies of all enforcement actions for majors and significant minors.	Enforcement actions for all sewage, IW, IW stormwater and MS4 facilities were provided to EPA either through WaterScapes or through an NMS transfer to an ftp website.		
Conduct at least one statewide DEP Regional staff training session on compliance inspections which may include standard operating procedures.	DEP's Central Office completed regional training of the MS4 inspection SOP during September and October 2013. Additional training is anticipated for June 2015.	October 2013	
Submit FFY2015 CMS to EPA by October 1, 2014.	FFY 2015 CMS was submitted to EPA on October 1, 2014.	October 1, 2014	
EPA COMMENTS:			
DEP RESPONSE:			

Work Plan Component/Program ICIS NPDES	EPA Contact (s): Nancy Ford	State Contact: Sean Furjanic	PRC: 202B06
Program Description: Integrated Compliance Information System (ICIS-NPDES)			
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
DEP will continue to enter or transfer the Water Enforcement National Database (WENDB) data elements to ICIS-NPDES to the maximum extent possible. If/when EPA promulgates a final NPDES electronic reporting rule, DEP will immediately begin to plan for upgrades in its data systems to accommodate any additional required data elements. DEP will also continue to transfer a significant number of "RIDE" data elements to ICIS-NPDES.	BNPNSM is transmitting approximately 140 WENDB elements to ICIS via electronic transfers. DEP has made improvements to its enterprise data system in order to collect additional CSO and CAFO details.		
Activities for FY 2014 (Commitments)			
Electronically transfer WENDB permit, permit limit (Majors and Significant Bay facilities only) and facility data for all NPDES facilities within 30 days of new, renewed or amended permit issuance.	BNPNSM has electronically transferred all Major facility permit actions and permit limits to ICIS during the reporting period.		
Electronically transfer compliance inspection data for all NPDES facilities within 30 days of the inspection date.	BNPNSM has electronically transferred all facility inspections to ICIS during the reporting period.		
Electronically transfer or manually enter Discharge Monitoring Report (DMR) data for Major and Significant Bay facilities within 30 days of the report due date.	BNPNSM has electronically transferred eDMR data to ICIS for all Major and Significant Bay facilities using its eDMR system. For those that are still using paper DMRs, the data are being manually entered into ICIS within 30 days of the report due date.		
Manually enter compliance schedule data into ICIS for Majors only within 45 days of permit issuance.	DEP began transferring "narrative conditions" from its NMS system to ICIS during the reporting period.		
Electronically transfer enforcement action data for all NPDES facilities within 30 days of the date the action is executed.	BNPNSM has electronically transferred enforcement action data for Major and Minor facilities during the reporting period.		
Distribute coordinator QNCRs to regional staff for quality assurance (QA) purposes, participate in conference calls on ICIS issues, conduct ongoing QA of its data systems, respond to EPA requests for data cleanup, and resolve error reports in ECHO and OTIS.	BNPNSM continues to distribute coordinator QNCRs for regional review and cleanup, conduct QA activities, respond to EPA requests for cleanup and error reports, and participate in ICIS conference calls and webinars.		
DEP will transmit a spreadsheet containing Single Event Violations (SEVs) for all NPDES facilities with the 106 progress reports.	The spreadsheet of SEVs recorded by DEP in its eFACTS system for the period April 1, 2014 through September 30, 2014 is attached to this report.		
EPA COMMENTS:			
DEP RESPONSE:			

Work Plan Component/Program: NPDES Permitting		EPA Contact (s): Brian Trulear	State Contact: Andrew Gaul/Ron Furlan	PRC: 202B06
Program Description: <u>NPDES Permitting</u> – Carry out the State permit program for controlling discharges to protect public health; meet water quality and technology based standards; and assure that the design and construction of water pollution control facilities achieve established effluent limitations. Maintain and update, as needed, the Bureau’s permitting program policies and guidance.				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Outputs and activities for this measure originated from EPA’s Permit Quality Review (PQR). (NOTE – the PQR isn’t applicable at this time because EPA has not given us PQR action items)	EPA’s PQR was completed in SERO and SCRO in October and November 2014, respectively. EPA’s PQR report has not yet been received.	November 2014		
Reissue and/or terminate 48 priority permits issued in FFY 2014 that will be completed by the end of FFY 2015, or provide a status of such permits within the six month status report..	DEP issued or terminated 44 of the 60 EPA listed Priority NPDES permits during FFY 2014. Three additional permits have been issued after 10-1-14. Several priority permits have been on hold due to Bay objections.	September 30, 2014		
Activities for FY 2014 (Commitments)				
In lieu of special permit-related report dates for Program Activity Measures (CSO, CAFO, MS4, stormwater, etc.), PA DEP will provide the data reports to EPA according to the Section 106 grant reporting period.	See attached.			
EPA COMMENTS:				
DEP RESPONSE:				

Work Plan Component/Program: NPDES - CSOs		EPA Contact (s): Brian Trulear	State Contact: Andrew Gaul/Ron Furlan	PRC: 202B06
Program Description: Pennsylvania’s CSO Program - Implement DEP’s February 2008 final CSO Guidance (385-2000-011) and associated CSO general permit (PAG-06).				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Update and keep current the state inventory of all CSO communities; including those that have implemented, or are on a schedule to implement, a long-term control plan, as well as the mechanism used (e.g., permit requirement, enforcement action). Provide updated information semi-annually to EPA Region 3’s CSO coordinator. Pennsylvania has 28 CSO communities covered under a General Permit and 109 communities with individual permits. NPDES permits for CSO communities shall be issued in conformance with the National CSO policy and the PA DEP CSO guidance.	A semiannual report with CSO updates was submitted to EPA on October 1, 2014 and is attached to this report. Pennsylvania has 28 CSO covered under a General Permit and 104 communities with Individual Permits.	10/28/2014		
Activities for FY 2014 (Commitments)				
Track and provide follow-up on CSO permit schedules and assure controls required in either the permit or enforcement order are implemented. When necessary or warranted, initiate appropriate enforcement action against CSO communities not in compliance with the CSO policy, including requirements in permits or enforcement orders.	See attached spreadsheet			
Provide semi-annual updates on CSO NPDES permits to EPA.	Next Semiannual Report will be submitted to EPA by April 1, 2015.			
Maintain and provide a status list of CSO permits, LTCPs, NMCs, and Consent Order & Agreements.	See attached spreadsheet			
EPA COMMENTS :				
DEP RESPONSE:				

Work Plan Component/Program: NPDES Permitting – MS4s		EPA Contact (s): Brian Trulear, Andrew Dinsmore	State Contact: Andrew Gaul/Ron Furlan / Sean Furjanic	PRC: 202B06
Program Description: Carry out the State MS4 Community program for controlling discharges to protect public health; meet water quality and technology based standards; and assure that the design and construction of water pollution control facilities achieve established effluent limitations. Maintain and update, as needed, the MS4 program policies and guidance. (See FY13 EPA NPDES Permits/Enforcement Work Plan attached to FY13 Grant Workplan or further detail.)				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Develop FFY 2015 MS4 Compliance Monitoring Strategy (CMS) as part of the CMS for NPDES Permitting described above.	FFY 2015 CMS was transmitted to EPA on October 1, 2014.	October 1, 2014		
Develop a comprehensive FF2014 CMS end of year report.	FFY 2014 end of year report will be prepared upon receipt of a template from EPA.			
Finalize the Stormwater Offsetting Guidance document, to include MS4s.	This document has been drafted but the ultimate disposition will not be determined until Chesapeake Bay-related issues are agreed to.			
Develop and implement a Technical Assistance “Circuit Rider” Program for MS4 Communities.	DEP requested separate funds to implement this idea, but the funds were not approved. DEP still plans to contract with third parties to develop MS4 training materials in FFY 2014 and possibly FFY 2015.			
Activities for FY 2014 (Commitments)				
Based on the 2010 Census, identify new communities that now fall under the requirements of the MS4 program.	New communities have been identified. This effort was coordinated with EPA. Letters are being drafted for notification.	March 2014		
Provide a FFY2015 CMS to EPA by October 1, 2014.	Transmitted to EPA on October 1, 2014.	October 1, 2014		
All compliance monitoring activities for NPDES-permitted facilities will be transferred to ICIS-NPDES so that EPA may review PA’s status in implementing the CMS at any time	All NPDES inspections, including MS4s, have been transferred to ICIS-NPDES.			
Conduct at least one training session to MS4 communities on the regulatory requirements, the offsetting guidance and other program enhancements by the end of April 2014.	Eight workshops for MS4 permittees are being planned for the winter/spring of 2015.			
EPA COMMENTS:				
DEP RESPONSE:				

Work Plan Component/Program: NPDES Permitting – Stormwater Program		EPA Contact (s): Brian Trulear, Andrew Dinsmore	State Contact: Jen Orr/Ken Murin	PRC: 202B06
Program Description: NPDES Permitting – Carry out the State stormwater permit program for controlling discharges to protect public health; meet water quality and technology based standards; and assure that the design and construction of stormwater management facilities meet regulatory requirements. Maintain and update, as needed, the Stormwater Management program policies and guidance.				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Complete a needs assessment for the development of a program tracking and data management system.	Met with other NPDES programs and Information Technology to discuss program needs.		Many NPDES programs all have similar data needs; this effort should be coordinated between all the NPDES programs.	
Work with a stakeholder group on revisions to the PA Stormwater BMP Manual.	Continued to work with Pa. Stormwater Technical Workgroup on a draft update to the stormwater manual			
Finalize the Stormwater Offsetting Guidance document, to include construction activities.	Guidance on offsetting specific to construction activities will be developed as part of the Stormwater BMP manual effort			
Activities for FY 2014 (Commitments)				
Provide semi-annual reports on the number of industrial stormwater facilities covered under either an individual or general permit.	294 individual IW stormwater permits 1,965 PAG-03 IW stormwater permits See attached spreadsheets.			
Conduct one technical erosion and sediment control plan and post construction stormwater plan review training for conservation districts and DEP regional office staff.	Three webinars and one in-person training were conducted with conservation districts and regional office staff concerning E&S and PCSM.			
Provide semi-annual reports on the number of applications/NOIs received for construction activities covered under either an individual permit or general permit by type.	1199 general permits 158 individual permits			
Provide semi-annual reports on the estimated number of construction activities covered under either an individual or general permit.	5607 general permits 917 individual permits			
EPA COMMENTS:				
DEP RESPONSE:				

Work Plan Component/Program: NPDES Permitting – CAFOs	EPA Contact (s): Brian Trulear	State Contact: Tom Juengst/Steve Taglang	PRC: 202B06	
Program Description: <u>NPDES Permitting</u> – Carry out the Confined Animal Feedlot Operation (CAFO) permit program to protect public health; meet water quality and technology based standards; and assure that the design and construction of these facilities meet regulatory requirements. Maintain and update as needed the CAFO program policies and guidelines. (See EPA FY13 NPDES Permits/Enforcement Work Plan for further detail.)				
Outputs for FY 2014 (Commitments)		Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Implement PAG-12 CAFO General Permit Revisions.		Revisions are implemented	April 1, 2013	
Develop and implement program enhancements to ensure consistency with EPA and state regulations in accordance with PAG-12 CAFO Permit Revisions.				
Develop and implement the CAFO Program Manual.			December, 2013	
Develop FFY 2014 CAFO Compliance Monitoring Strategy (CMS) as part of PA’s comprehensive NPDES CMS		A combined FFY 2015 CMS for NPDES programs was submitted to EPA on October 1, 2014.	October 1, 2014	
Develop a comprehensive FFY2013 CMS end of year report.		A combined FFY 2015 CMS for NPDES programs was submitted to EPA on October 1, 2014.	October 1, 2014	
Activities for FY 2014 (Commitments)				
Provide training to program staff as needed.		DEP provided a two-day CAFO/Ag training to its staff in June 2014, which included permit holder and planner input and participation; presented a winter spreading report to the Ag Advisory Board in April 2014; presented a PennAg Manure Hauler/Applicator Field Day training on August 6.	As listed	
If EPA’s analysis of DEP’s Program determines, and DEP agrees with that analysis, that regulatory revisions are needed, regulatory revisions will be done in accordance with the proposed schedule in Attachment A.		DEP submitted information to EPA on March 20 th ; EPA submitted information back to DEP on November 7, 2014.		
Provide semi-annual reports on current facilities covered under either an individual permit or general permit by type.		Reports are provided.	May 2014	
Provide draft permit and permit application packages, including, but not limited to nutrient management and E&S/conservation plans for EPA review and comment unless waived by EPA.		Permit applications are provided to EPA	Continuous	
Submit a list and status of all CAFOs to EPA by the due date of the semi-annual Section 106 progress reports.		Status list of all CAFOs is provided.	Semi-annual	

<p>In lieu of special permit-related report dates for Program Activity Measures (CSO, CAFO, MS4, stormwater, etc.), PA DEP will provide the data reports to EPA according to the Section 106 grant reporting period, including the following information:</p> <ul style="list-style-type: none"> • Identify, document, and track the compliance status of all CAFOs. • A list of registered CAFOs and permit status, including facility name and location, number of each animal type, date of administratively complete permit application, and date of permit issuance • The number and type of state inspections, date and number of annual report reviews, and the number of CAFOs with NPDES permits • The number and type of state enforcement actions including, but not limited to, violation description, date/type of enforcement action, penalty (if any), actions taken by the operation to return to compliance and the date the operation returned to compliance. 	<p>Permit, inspection and compliance reports are provided. Information on items listed is covered, except annual reports numbers and animal details are under development.</p>	<p>Semi-annual</p>	
<p>Provide a FFY2014 CMS to EPA by October 1, 2013.</p>		<p>October 1, 2013</p>	
<p>EPA COMMENTS:</p>			
<p>DEP RESPONSE:</p>			

Work Plan Component/Program: Chesapeake Bay Program		EPA Contact (s): Brian Trulear	State Contact: Andrew Gaul/Ron Furlan	PRC: 202B06
Program Description: Carry out the NPDES program components of the Phase 2 Chesapeake Bay Watershed Implementation Plan relative to controlling discharges to protect public health; meet water quality and technology based standards; and assure that the design and construction of water pollution control facilities achieve established effluent limitations. (See attached FY13 NPDES Permits/Enforcement Work Plan for further detail.)				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
DEP will maintain its “Phase 2 WIP Wastewater Supplement” document and provide the latest document to EPA with 106 progress reports.	EPA received DEP’s latest Phase 2 WIP Wastewater Supplement document on October 24, 2014 for review of changes. When complete the latest version will be posted at: http://files.dep.state.pa.us/Water/Wastewater%20Management/EDMRPortalFiles/Phase_2_WIP_Supplement.pdf			
Activities for FY 2014 (Commitments)				
In the semi-annual Section 106 progress reports, report the number and date of permits issued with numeric limits based on the Commonwealth’s assignment of WLAs for Chesapeake Bay NPDES permits to comply with the assumptions and requirements of the Watershed Implementation Plan, and the Commonwealth’s Chesapeake Bay permitting strategy in addressing the State of Maryland’s water quality standards.	The Phase 2 WIP Wastewater Supplement includes this information and is updated anytime a permit is issued to a significant Chesapeake Bay discharger.			
As part of the semi-annual progress reports, submit to EPA an updated spreadsheet of the non-significant wastewater dischargers. This spreadsheet is currently maintained by PADEP and will be used to provide information on actual discharge loads where available in order to document/verify the assumptions used in the Chesapeake Bay TMDL to establish the aggregate WLAs for non-significant wastewater dischargers.	The latest version of this spreadsheet is attached.			
Submit all draft permits for EPA review using the NMS system and ftp website.	This is an ongoing activity in which documents for significant Chesapeake Bay facilities are automatically transmitted from NMS to an ftp website for EPA review.			
Compile an annual list of all facilities engaged in nutrient trading, including their compliance status as of October 1, by December 31.	http://www.portal.state.pa.us/portal/server.pt/community/nutrient_trading/21451/nutrient_credit_marketplace/1548039			
EPA COMMENTS:				
DEP RESPONSE:				

Work Plan Component/Program: NPDES Permitting		EPA Contact (s): Chris Menen	State Contact: Brian Schlauderaff	PRC: 202B06
Program Description: POTW Optimization Program (Permitting and Enforcement Supplemental Grant)				
Outputs for FY 2014 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Improved water quality at POTW outfalls and receiving streams through implementation of a wastewater optimization program. The wastewater optimization program is designed to optimize nutrient reduction through low-cost operational improvements. PA DEP will target POTWs that are discharging the highest nutrient levels and/or nutrient loadings.				
Activities for FY 2013 (Commitments)				
Prioritize the POTWs that are discharging the highest nutrient levels and select POTWs most likely to succeed with optimization.	Currently using regional recommendations with the help of technical assistance providers to determine priority systems.			
Conduct performance assessments at each POTW (10 per year).	Completed one performance assessment and started another		As of March 2014 we are down to one Optimization Field employee. A full time replacement is unlikely over the next few years resulting in a significant decrease in assessments. We are hoping with improved efficiency and a part time employee we will be able to reach 75% of past numbers of assessments.	
Lead wastewater operators toward optimized nutrient reduction through training, low-cost operational improvements, and best management practices.	Ongoing			
Summarize and document findings in a report that is presented to POTW staff.	Ongoing			
EPA COMMENTS:				
DEP RESPONSE:				

Work Plan Component/Program: Program Management		EPA Contact (s): Trish Iraci	State Contact: Nicki Kasi	PRC: 202B06
Program Description: Maintenance of Effort				
Outputs for FY 2013 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered	
Number of Full Time Equivalents charged to the Section 106 grant (at 1950 hours per FTE).	For the entire fiscal year, a total of 57.51 FTEs were charged to the 106 grant at a rate of 45% federal, 55% state. This equates to an additional 70.25 FTEs funded with state money. In addition, another 39.8 FTEs, or \$4.1 million was spent on associated work to the 106 workplan under the CATS codes identified in the workplan as Maintenance of Effort.	September 30, 2014		
Activities for FY 2013 (Commitments)				
Submit summary of time charged with Section 106 status reports	See attached summary sheet.			
Participate in Quarterly Enforcement Management calls to provide necessary information when possible.				
EPA COMMENTS:				
DEP RESPONSE:				